

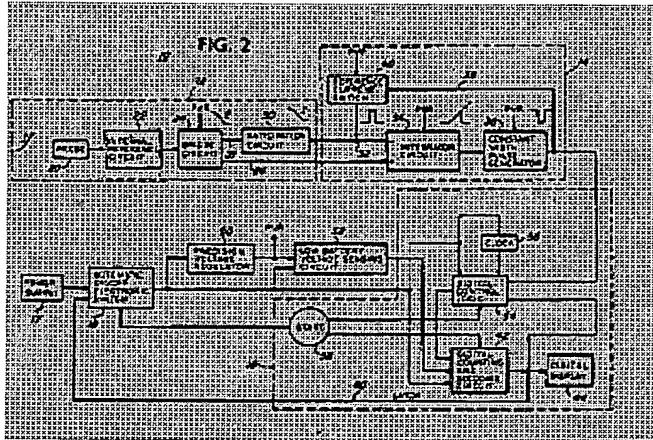
AUTOMATIC ON-OFF ELECTRONIC SWITCH

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Inventor:
Applicant: AMERICAN MED ELECTRONICS (US)
Classification:
- **international:** G01D21/00
- **european:** G01D7/00; G01K1/02; G01K1/04B; G01K13/00B
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Abstract of GB1502056

1502056 Measuring temperature electrically
AMERICAN MEDICAL ELECTRONICS CORP
25 June 1976 26605/76 Heading G1N The
measuring and display circuits of a tempera-
ture sensing system are energized through an
electronic switch for a predetermined time
interval after initiation. The measuring system
comprises a probe 20, Fig. 2, connected to a
bridge circuit 24 to produce an unbalance
signal on line 28 repre- sentative of the test
temperature. This is augmented at 30 with a
voltage dependent on the rate of change to
provide at 32 the expected final value of the
test temperature, which is then converted at 14
to a proportional pulse rate. Closing a spring-
loaded switch 58 energizes the system from
power supply 17 via electronic switch 18 and
causes con- trol unit 54 to allow clockpulses
from generator 56 to be counted at 42 and
displayed at 44. After 20 seconds the control
unit feeds the temperature measuring pulses
from converter 14 to counter 42 for a further
fixed period, after which electronic switch 18
cuts-off the power supply.



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